

CLAIMS

What is claimed is:

1. A cosmetic preparation comprising a collagenase inhibitor at a concentration effective to reduce a collagenase activity in a skin, wherein the collagenase inhibitor comprises boron.
2. The cosmetic preparation of claim 1 wherein the preparation is topically applied to the skin.
3. The cosmetic preparation of claim 2 further comprising a skin penetration enhancer.
4. The cosmetic preparation of claim 2 wherein the collagenase inhibitor is formulated in a liposome formulation.
5. The cosmetic preparation of claim 1 wherein the collagenase inhibitor comprises borate in a complex with at least one ligand.
6. The cosmetic preparation of claim 5 wherein the ligand is selected from the group consisting of a carbohydrate, an amino acid, and an ascorbate.
7. The cosmetic preparation of claim 6 wherein the carbohydrate is selected from the group consisting of a fructose, a mannitol, and a sorbitol.
8. The cosmetic preparation of claim 6 wherein the amino acid is serine.
9. The cosmetic preparation of claim 1 wherein the collagenase activity comprises hydrolysis of collagen I and collagen IV.
10. The cosmetic preparation of claim 9 wherein the reduction of the collagenase activity is at least 20% for collagen I and collagen IV.
11. The cosmetic preparation of claim 9 wherein the reduction of the collagenase activity is at least 50% for collagen I and collagen IV.
12. The cosmetic preparation of claim 1 wherein the reduction of the collagenase activity reduces appearance of wrinkles in the skin.

TO BE FORWARDED TO THE PATENT OFFICE

13. A method of reducing collagenase activity in skin, comprising:
providing a cosmetic preparation comprising a collagenase inhibitor at a concentration effective to reduce a collagenase activity in a skin, wherein the collagenase inhibitor comprises boron; and
applying the preparation to the skin.
14. The method of claim 13 wherein the step of applying the preparation comprises massaging the preparation into the skin.
15. The method of claim 13 wherein the cosmetic preparation comprises a skin preparation enhancer.
16. The method of claim 13 wherein the collagenase inhibitor is formulated in a liposome formulation.
17. The method of claim 13 wherein the collagenase inhibitor comprises borate in a complex with at least one ligand.
18. The method of claim 13 wherein the ligand is selected from the group consisting of a carbohydrate, an amino acid, and an ascorbate.
19. The method of claim 13 wherein the collagenase activity comprises hydrolysis of collagen I and collagen IV.
20. The method of claim 13 wherein the reduction of the collagenase activity reduces the formation of wrinkles in the skin.